## Issue Classification



| Application/Control No. | Applicant(s)/Patent Under Reexamination |  |  |  |  |  |  |  |
|-------------------------|---|--|--|--|--|--|--|--|
|                         |   |  |  |  |  |  |  |  |
| 10587632                | HUANG ET AL.                            |  |  |  |  |  |  |  |
|                         |   |  |  |  |  |  |  |  |
| Examiner                | Art Unit                                |  |  |  |  |  |  |  |
|                         |   |  |  |  |  |  |  |  |
| Nitin Patel             | 2629                                    |  |  |  |  |  |  |  |

| ORIGINAL       |   |          |         |    |     |          | INTERNATIONAL CLASSIFICATION |                     |  |  |  |   |             |  |  |  |
|----------------|---|----------|---------|----|-----|----------|------------------------------|---------------------|--|--|--|---|-------------|--|--|--|
| CLASS SUBCLASS |   |          |         |    |     | CLAIMED  |                              |                     |  |  |  |   | NON-CLAIMED |  |  |  |
| 345 87         |   |          |         | G  | 0   | 9        | G                            | 3 / 36 (2006.01.01) |  |  |  |   |             |  |  |  |
|                | CI                                      | ROSS REF | ERENCE( | S) |     |          |                              |                     |  |  |  |   | _           |  |  |  |
| CLASS          | CLASS SUBCLASS (ONE SUBCLASS PER BLOCK) |          |         |    | CK) |          |                              |                     |  |  |  |   |             |  |  |  |
| 345            | 103                                     |          |         |    |     |          |                              |                     |  |  |  |   |             |  |  |  |
|                |   |          |         |    |     |          |                              |                     |  |  |  |   |             |  |  |  |
|                |   |          |         |    |     |          |                              |                     |  |  |  |   |             |  |  |  |
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|                | 1                                       |          |         |    |     |          |                              |                     |  |  |  |   |             |  |  |  |
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|                |   |          |         |    |     |          |                              |                     |  |  |  | Ī |             |  |  |  |

|       | Claims renumbered in the same order as presented by applicant |       |          |       |          |       |          | СР    | 'A 🗆     | ] T.D. | ☐ R.1.47 |       |          |       |          |
|-------|---|-------|----------|-------|----------|-------|----------|-------|----------|--------|----------|-------|----------|-------|----------|
| Final | Original  | Final | Original | Final | Original | Final | Original | Final | Original | Final  | Original | Final | Original | Final | Original |
| 1     | 1   | 20    | 17       | 39    | 33       |       |          |       |          |        |          |       |          |       |          |
| 2     | 2   | 21    | 18       | 41    | 34       |       |          |       |          |        |          |       |          |       |          |
| 3     | 3   | 22    | 19       | 9     | 35       |       |          |       |          |        |          |       |          |       |          |
| 4     | 4   | 23    | 20       | 10    | 36       |       |          |       |          |        |          |       |          |       |          |
| 5     | 5   | 24    | 21       | 11    | 37       |       |          |       |          |        |          |       |          |       |          |
| 6     | 6   | 25    | 22       | 27    | 38       |       |          |       |          |        |          |       |          |       |          |
| 7     | 7   | 26    | 23       | 30    | 39       |       |          |       |          |        |          |       |          |       |          |
| 8     | 8   | 28    | 24       | 31    | 40       |       |          |       |          |        |          |       |          |       |          |
| 12    | 9   | 29    | 25       | 40    | 41       |       |          |       |          |        |          |       |          |       |          |
| 13    | 10  | 32    | 26       | 42    | 42       |       |          |       |          |        |          |       |          |       |          |
| 14    | 11  | 33    | 27       | 43    | 43       |       |          |       |          |        |          |       |          |       |          |
| 15    | 12  | 34    | 28       | 44    | 44       |       |          |       |          |        |          |       |          |       |          |
| 16    | 13  | 35    | 29       | 45    | 45       |       |          |       |          |        |          |       |          |       |          |
| 17    | 14  | 36    | 30       | 46    | 46       |       |          |       |          |        |          |       |          |       |          |
| 18    | 15  | 37    | 31       | 47    | 47       |       |          |       |          |        |          |       |          |       |          |
| 19    | 16  | 38    | 32       | 48    | 48       |       |          |       |          |        |          |       |          |       |          |

| NONE  | Total Claims Allowed: |                     |                   |  |  |
|---|-----------------------|---------------------|-------------------|--|--|
| (Assistant Examiner)                            | (Date)                | 4                   | 8                 |  |  |
| /Nitin Patel/<br>Primary Examiner.Art Unit 2629 | 01/30/2010            | O.G. Print Claim(s) | O.G. Print Figure |  |  |
| (Primary Examiner)                              | (Date)                | 1                   | 3,4               |  |  |